

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed
..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog..... CCLog..... Others.....

Frank B. Adams
Oil Properties
716 Wilson Building
Corpus Christi, Texas 78401

June 24, 1978

Re: Proposed Location
No. 1-622 (U-9622)
se se 4-20s 23e
Grand County, Utah

District Engineer
U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Attention: Mr. Bill Martin

Gentlemen:

Enclosed in triplicate is Form 9-331-C and attachments to
comply with NTL-6 concerning the :

Frank B. Adams No. 1 -622

If possible, I would like to combine the on-site inspection
with the USGS and BLM with an appointment I have with them at
11:30 AM the 10th of July at Cisco, Utah to inspect the Geo.
W. Graham Nos 1-360 & 2-360 in the same area.

If the enclosed is in order I would appreciate your send^{ing} the
BLM at Moab the paperwork as soon as possible. If I could take
care of all three inspections the same day it would save me a
trip on this one.

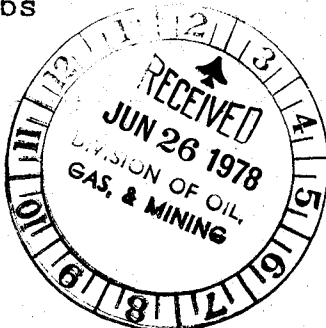
Thank you for your early attention to this application.

Sincerely yours,

FBA/g
encl-3

Frank B. Adams

cc: Utah O&G Conservation Commission ✓
Ross L. Jacobs



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-9622	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> &/or GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR FRANK B. ADAMS		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 716 Wilson Building Corpus Christi, Texas 78476		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*) At surface 467' fsl & 467' fsl Section 4, T20S, R23E, S1M At proposed prod. zone Same as above		9. WELL NO. 1-622	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 miles nww of Cisco, Utah		10. FIELD AND POOL, OR WILDCAT Cisco Springs	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 467'		11. SEC., T., R., M., OR BLK. AND SURVEY NO. APP. Sec 4 T20S, R23E, S1M	
16. NO. OF ACRES IN LEASE 326.58		12. COUNTY OR PARISH Grand	
17. NO. OF ACRES ASSIGNED TO THE WELL 20(11)-160(gas)		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA		19. PROPOSED DEPTH 2,650' Entrada	
20. ROTARY OR CABLE TOOLS Rotary (air)		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,869' Gr - 4,879' DF	
22. APPROX. DATE WORK WILL START* 60 days			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 5/8ths"	7" *	20#	120-150'	40 sks to surface
6 1/2"	4 1/2" **	9.5#	2,650'	100 sks cement + 2% KCL

* 7" casing will be new 20# K-55 8RT ST&C Range 3
** 4 1/2" casing will be new 9.5# K-55 8RT ST&C Range 2

Supplement to 9-331 C attached as required by NTL-6

Surface use plan attached

Drilling Bond - Statewide - on record in Salt Lake

Seven point pressure control plan attached w/schematic of BOP equipment.

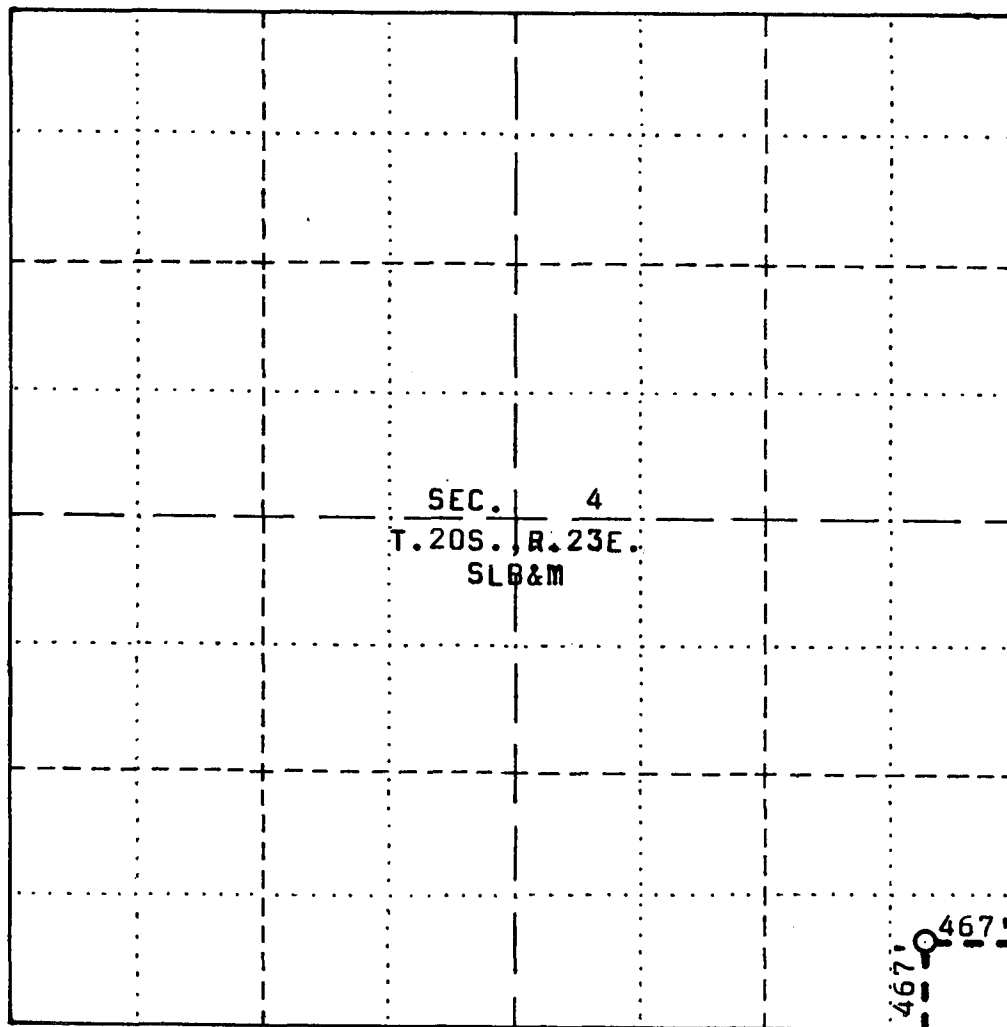
STATE OF UTAH

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>Frank B. Adams</u> TITLE <u>Operator</u> DATE <u>June 24, 1978</u>	
(This space for Federal or State office use)	
PERMIT NO. <u>43-019-30452</u>	APPROVAL DATE
APPROVED BY	TITLE
CONDITIONS OF APPROVAL, IF ANY:	



*See Instructions On Reverse Side



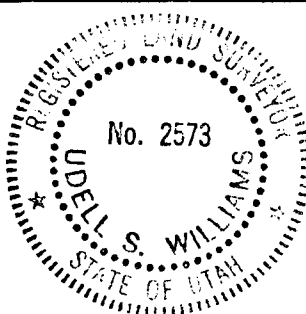
SCALE: 1" = 4000'

FRANK B. ADAMS NO. 1-622

Located North 467 feet from the South boundary and West 467 feet from the East boundary of Section 4, T20S, R23E, SLB&M.

Elev. 4869

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

[Signature]
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION
FRANK B. ADAMS NO. 1-622
SE $\frac{1}{4}$ SE $\frac{1}{4}$ SEC. 4
T20S, R23E, SLB&M

SURVEYED BY: USW DATE: 6/24/78
DRAWN BY: USW DATE: 6/24/78

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
FRANK B. ADAMS # 1-622	467' FSL & 467' FEL (SE $\frac{1}{4}$ SE $\frac{1}{4}$) SEC. 4 T. 20 S., R. 23 E., SLM GRAND COUNTY, UTAH GLE 4869	U-9622
<p>1. Stratigraphy and Potential Oil and Gas Horizons. The well will commence in the Mancos. Numerous wells have been drilled in this township so control is good. Operators estimated tops should be reasonably close.</p> <p>2. Fresh Water Sands. A anomalous sand lenses in the Mancos may contain usable water to 500 feet. The Ferron Sandstone member of the Mancos, if present, may also contain usable water (saline but acceptable for stock). Formations at greater depths contain salty water or brine.</p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) This well will spend stratigraphically below the important coals of the Mesaverde located about 3 miles northwest of the site on outcrop. The coal beds of the Dakota Formation are thin, lenticular and not economically important. "Inasmuch as the area embraced in Tps 19, 20, and 21 S., R. 22 and 23 E. contains no coal resources of value...." (Fisher, USGS Bull. 852, P. 94).</p> <p>4. Possible Lost Circulation Zones. Bull. 852, P. 94.</p> <p>Lenticular sands of Dakota, Cedar Mountain and Morrison</p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Protect any usable aquifers penetrated.</p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. None anticipated by operator.</p> <p>7. Competency of Beds at Proposed Casing Setting Points. Weathered shale will be cased off.</p> <p>8. Additional Logs or Samples Needed. None.</p> <p>9. References and Remarks Within Cisco Springs KGS. USGS Bull. 852 by Fisher</p>		
Date: 10/30/78	Signed: REG	

NO 1190

USUAL ENVIRONMENTAL ANALYSIS

OPERATOR Frank B. Adams
WELL NAME AND NUMBER 1-622
SECTION 4 T 20 S R 23 E , SL PM
LOCATION SE $\frac{1}{4}$ $\frac{1}{4}$, 467' FS L & 467' FE L
COUNTY Grand STATE Utah
FIELD Cisco Springs UNIT _____
WELL TYPE Development LEASE NUMBER U-9622

DATE INSPECTED July 19, 1978

INSPECTOR George Diwachak

TITLE Environmental Scientist

PREPARED BY George Diwachak July 20, 1978
ENVIRONMENTAL SCIENTIST DATE
SALT LAKE CITY DISTRICT

OTHER AGENCIES OR REPRESENTATIVE CONCURRENCE:

Bob Kershaw - BLM Yes

Book Mountain (06-01) Unit Resource Analysis - BLM - Utah

MAJOR FEDERAL ACTION UNDER NEPA No

The following participated in a joint inspection of the proposed well-site and access road on July 19, 1978.

<u>NAME:</u>	<u>REPRESENTING:</u>	<u>TITLE:</u>	<u>STATIONED IN:</u>
George Diwachak	USGS	Env. Sci.	Salt Lake City, Utah
Bob Kershaw	BLM		
Ross Jacobs	Frank B. Adams	Oper. Rep.	

Proposed Action:

On June 27, 1978, Frank B. Adams filed an Application for Permit to Drill the No. 1-622 development well, a 2,650-foot gas test of the Entrada formation; located at an elevation of 4,869 ft. in the Cisco Springs field on Federal mineral lands and public surface lease No. U-9622. There was no objection raised to the wellsite. The proposed access road was changed at the on-site inspection to follow an existing pipeline road, disturbing less land. See attached map for new access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 200 feet wide by 200 feet and a reserve pit 50 feet by 8 feet. A new access road will be constructed 16 feet wide by 0.1 miles long. The operator proposes to construct production facilities on disturbed areas of the proposed drill pad.

If production is established, plans for a gas flow line will be submitted to the appropriate agencies for approval. The anticipated starting date is August 1, 1978, and duration of drilling activities would be about 10 days to complete the operation if not productive.

Location and Natural Setting:

The proposed drillsite is approximately 13 miles northeast of Cisco, Utah, the nearest town. A fair road runs to within 0.1 mile of the location. This well is in the Cisco Springs field.

The topography of the proposed drillsite is flat and desert-like.

Geology:

The surface geology is Mancos Shale. The soil is sandy loam. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the projected area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a low runoff potential and sediment production would be moderate. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 2 acres of land would be stripped of vegetation. Although the erosion potential of the disturbed land would increase, the effects would be minimal due to the flat topography.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry

hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches.

Winds are medium and gusty, occurring predominately from west to east. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Most of the water courses in the region are ephemeral. Drainage from the lease area is towards Cisco Wash and Danish Wash, which flows in a southerly direction towards the Colorado River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have a minor impact on the surface water systems. The potentials of pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filltrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

The vegetation of the lease area consists of sagebrush, saltbush, and native range grasses.

The proposed action would remove about 2 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing. The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of a few coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep in the winter months. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is visible from a major road. After drilling operations, completion equipment would be visible to passersby of the area, but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Grand County. But should this well discover a significant new hydrocarbon source, local, state, and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

Land Use:

The area is used for wildlife and winter livestock grazing. There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. Misting of the Bloolie Line will be required for dust suppression. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

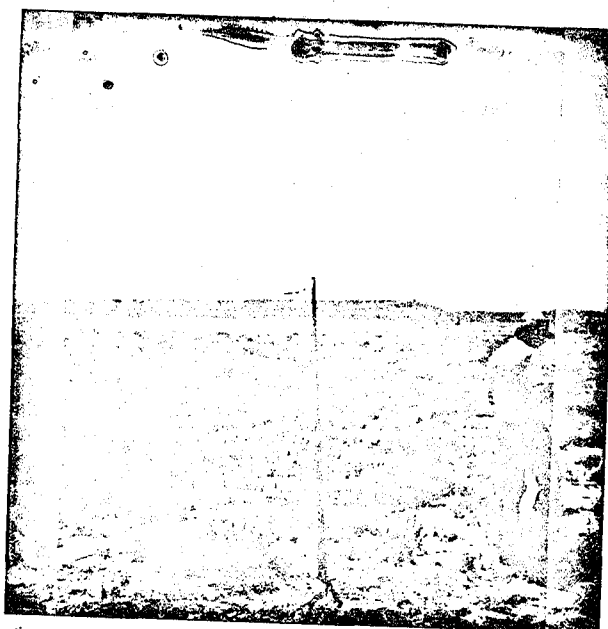
1. Not approving the proposed permit--the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other consulting agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2. Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

The proposed access road was changed at the operator's suggestion to follow an existing access road and pipeline access route to a point approximately 0.1 mile southwest of the proposed location, thus minimizing construction and surface disturbances. See attached map for the new road location.

The operator has proposed a 50'X 8'X 8' reserve pit, claiming that the size



U-9622

F.B. ADAMS

1-622

S

GJD

is adequate for local drilling conditions and easier to rehabilitate. If a larger pit is necessary after drilling operations commence, another pit can be constructed adjacent to the existing pit, as the necessary construction equipment will be situated at the site.

A 2'X 6'X 10' trash pit will be dug adjacent to the reserve pit and filled upon completion of drilling operations. The only burning proposed is of mud sacks. The operator will take necessary precautions to prevent ground fires, and ashes will be disposed of in the trash pit.

No cut and fill work will occur. Topsoil removal will adequately level the drilling site.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.1 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to Danish Wash would exist through leaks and spills.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(c).

Acting Frank J. Boyd 9/15/78
District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

Frank B. Adams
Oil Properties
716 Wilson Building
Corpus Christi, Texas 78401

June 24, 1978

Ten point plan to comply with NTL-6
Supplement to 9-331-C filed for:

Frank B. Adams No. 1-622 2,650' Entrada sand test

1. Geological name of surface formation. - Mancus shale
2. Estimated tops of important geological markers

Base of Dakota Silt	- 1,750'
Top of Dakota	- 1,795'
Cedar Mountain	- 1,930'
Salt Wash	- 2,150'
Entrada	- 2,555'
4. Proposed casing program - See 9-331-C
5. Pressure control details
 - a. Rigan BOP 3,000 psi (Hyd closing unit), tested to 1,000 psi after surface casing is cemented, then daily thereafter.
 - b. Grant rotating head above BOP
 - c. Full shut off gate valve on well and exhaust line
6. Drilling mud and weight material program
Operator plans to drill with air and/or mist to total depth. If formation water, oil and/or gas is encountered during drilling, well will be mudded up with 100 vis 8.2 to 10# starch based mud with KCL added and then drilled to total depth. Same mud program to be followed if well is drilled to total depth with air before logging. Mud will be mixed in holding tanks and ready for use before reaching the base of the Dakota Silt.
7. Auxiliary Equipment
 - a. Demco kelly cocks
 - b. Check valve at bit
 - c. Visual monitoring of mud system
 - d. A sub on the rig floor with full opening valve to be stabbed into drillpipe when kelly is out of string.
8. Testing and logging program
 - a. No formation test anticipated
 - b. Cuttings to be examined below Dakota Silt for hydrocarbons shows
 - c. No coring planned
 - d. Dual induction log to total depth and if productive sands are indicated, a Compensated Neutron Formation Density log

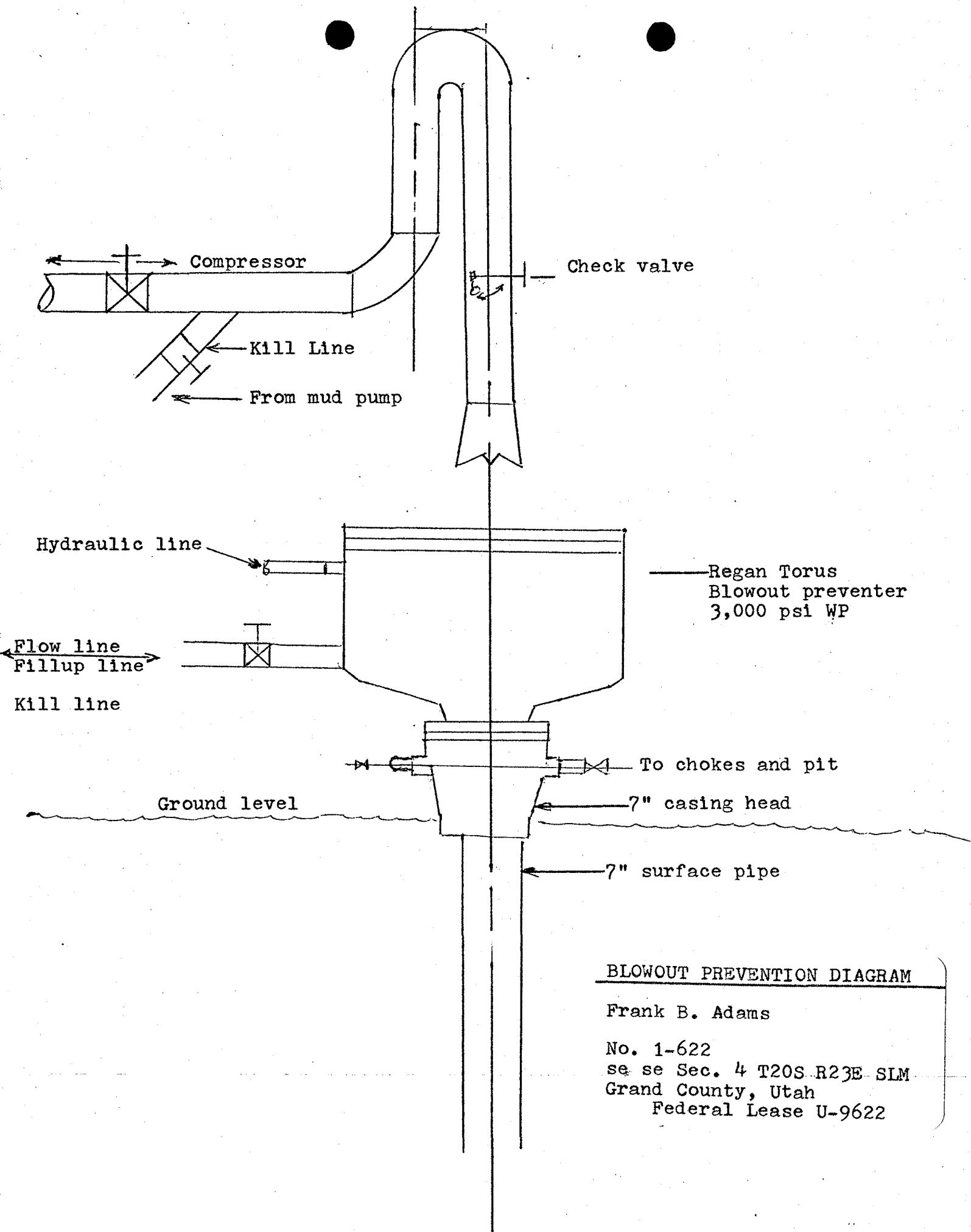
will be run through prospective pay zones.

9. Anticipated abnormal pressures or temperatures

No abnormal conditions expected - estimated BHP at total depth, if productive = 1,050 psi

10. Anticipated starting date and duration of operations

August 1, 1978 with ten days to complete the operation if not productive.



Frank B. Adams
Oil Properties
716 Wilson Building
Corpus Christi, Texas 78401

June 24, 1978

SURFACE USE PLAN (NTL-6)

Re: Frank B. Adams
No. 1-622(Federal Lease No. U-9622)
se se Section 4, Township 20 South, Range 23 East, SLM
Cisco Springs Field, Grand County, Utah

1. Existing roads

- a. Proposed well site shown on attached plat (Exhibit A)
- b. Proposed location is approximately 8 miles nnw of the East Cisco Exist on the Cisco Springs road.
- c. Access road to location is color-coded and labeled on attached Exhibit A
- d. This location is classified as a field extention or development well
- e. Existing roads within a 1 mile radius are shown on attached Exhibit A. The service to Frank B. Adams Nos. 1-355 and 3-355 will be used and a new service road will go from the No. 3-355 nne to the proposed location- approximately 1,000'
- f. There will be no need to improve existing service roads as they are in daily use by gauger and occasional oil transport truck and are maintained by Operator

2. Planned Access road

Items 1 through 8 are included in remarks on attached plat Exhibit B

3. Location of existing wells (Development wells in 1 mile radius)

- a. Water wells - none
- b. Abandoned wells: 1 well in Section 7 (Card-Moore No. 2)
- c. Temporarily abandoned wells - none
- d. Disposal wells - none
- e. Drilling wells - none
- f. Producing wells: (See Exhibit A)
Section 4: 1 gas well
Section 9: 2 oil wells and 1 gas well
Section 10: 5 gas wells
- g. Shut-in wells - none
- h. Injection wells - none
- i. Monitoring or observation wells for other reasons - none

4. Location of existing and/or proposed facilities

- a. Operator owns two oil wells in the ne ne of Section 9, each well is equipped with a pump jack and the northern most well, the one nearest to proposed location has two-210 barrel tank battery and the there is one-210 tank barrel on the southmost

oil well. This production was acquired by Operator this month and plans are underway to paint the battery and clean up the lease premises. In addition to the two oil well mentioned above, Operator has a location for a 2,700' Entrada sand test staked and approved of Federal Lease U-019037 in the se of Section 3.

Willard Pease Oil & Gas and Northwest Pipeline own the several gas wells and producing surface facilities that are located within one mile of the proposed location.

- b. In the event of oil production, a tank battery consisting of two 210 barrel crude oil tanks, and if necessary a seperator, will be constructed on the pad. Oil will be removed by tank truck as produced in batches of 160-180 barrels. tanks will be welded steel and connected by a steel catwalk. All surface equipment will be painted "desert tan" to conform with the BLM regulations for the area.

In the event of gas production, producing facilities will be installed by either the operator or Northwest Pipeline, depending on the size of the gas reserve. In either case, gas facilities will consist of a meter run and other equipment that might be required to produce and market the production. Those facilities will be located on the pad and details of construction of any gathering lines and other facilities will be presented to the BLM for approval when a right-of-way permit is applied for to connect the well to the sales line.

Complete protective measures, such as fences, will be used to turn livestock and wildlife known to be in the area.

- c. Rehabilitation of all disturbed areas no longer needed after operations are completed will be restored to a smooth contour and all debris will be cleaned up. All pits will be back filled and smoothed after drilling operations are concluded. If there is any delay in restoration, fences will be erected around pits to be filled and all pits that might be required for production will be fenced.

5. Location and type of water supply

- a. Water for drilling operations will be obtained at Cisco Springs, located about a mile and one half west of the location
- b. Water will be transported by truck over existing roads on private and Federal lands.
- c. No water well is planned to be drilled on the lease.

6. Source of construction materials

- a. No construction materials such as sand, gravel and soil will be required other than native material found in place.
- b. No Federal or Indian lands will be the source of construction material

- c. In the event of production, a gravel pad will be needed for the tank battery. Gravel will be hauled to the location by a private contractor on a F.O. B. location basis
- d. Does not apply - no materials coming from Federal or Indian land

7. Methods of handling waste disposal

- a. Cuttings - from air or mist drilling will be exhausted into a pit at the end of the exhaust line, with the line being centered into the pit. After operations are completed, the pit will be covered over.
- b. Drilling fluids - to be contained in two steel mud tanks. A reserve pit will be prepared to contain any excess flow out of the well during drilling, cementing and completion operations. The pit will be backfilled after operations are completed unless needed in connection with production.
- c. Produced fluids - such as oil and water: Oil will be properly stored in tanks erected for that purpose and water will be diverted to the pits and be disposed of as required by the amount to be handled.
- d. Sewerage - a chemical toilet will be provided on the location for use by the personnel
- e. Garbage and other waste material - will be contained in 42 gal. drums and hauled off the location or buried in a pit. In the case of trash to be burned or buried later, a small mesh wire will enclose the pit to prevent the wind from scattering the trash.
- f. Well site clean up - wellsite and pad will be properly cleaned up and restored to a smooth contour when operations are completed and the rig moved off. Only that part of the pad required for producing facilities will be kept in use. In the event of a dryhole, only the required dryhole marker will remain.

8. Ancillary Facilities

There will be no field camp or air strip required for this operation

9. Well site layout

A plat on a scale of 1" = 50' is attached to this plan as Exhibit C showing:

- a. Cross-section of drill pad not shown since the rise in elevation is very gradual and no cuts or fills are anticipated
- b. Location of mud tanks, reserve, burn and trash pits, piperacks, living facilities and soil material supplies (stockpile) are shown on attached exhibit C
- c. Rig orientation, parking areas access road is also shown on attached exhibit C

- d. Pits shown are unlined and the only water that will be introduced into these pits will be fresh water used in the drilling operations

10. Plans to restore the surface

- a. Upon completion of the operations the entire location will be restored, including backfilling and leveling of all pits, the waste disposed of and spoils materials segregated, if required. The site will then be contoured to its original contour.
- b. The pad and access road will be vegetated and rehabilitated during the month of October or November, as required by the BLM
- c. Pits will be fenced and fences maintained after moving rig out until clean up can be performed.
- d. If there is any oil on the pits, it will either be removed by tank truck or covered and the pit flagged on the surface.
- e. Commencement and completion of rehabilitation operations will be completed during the month of October or November, weather permitting

11. Other information

- a. This location is on a very gentle rise to the northeast. The surface is raw Mesa Verde shale with sparse vegetation consisting of scattered sage brush. Lack of suitable ground cover limits this area to a few coyotes and cottontails
- b. At times, the surface is leased to ranchers for winter grazing by the BLM
- c. The proximity of water has been noted in Paragraph 5 above, which is Cisco Springs. The nearest occupied buildings (dwellings) are located in Cisco, Utah some 13 miles southeast of the location. There are no known archeological, historical or cultural sites in the area.

The surface is under the jurisdiction of the Moab District of the Bureau of Land Management

12. Operator's Representative

Frank B. Adams
716 Wilson Building
Corpus Christi, TX 78476
512-884-9004

or Ross L Jacobs
2467 Commerce
Grand Junction, CO 81501
303-243-7814

- 13. I hereby certify that I or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Frank B. Adams and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Frank B. Adams

R23E

Specs for road:

1. Width - 16' max
2. No grade necessary
3. No turnout required
4. Natural drainage
5. No culverts necessary
6. Surface material: native soil bladed no more than 3" deep
7. No gates, fence cuts or cattle guards needed
8. Proposed access road will be center flagged (Color coded on plat)

FRANK B ADAMS

U-9622

9-01-79

326.58 ACRES

4

T
20
S

LEASE OF G
No. 1-143



ADAMS No. 1-622

PROPOSED LOCATION



ADAMS
#3-355

ADAMS
#1-355

10

LEASE OF G
No. 1-506

EXHIBIT "B"

Showing planned access road

Frank B. Adams No. 1-622
se se Section 4, T20S R23E, SLM
Cisco Springs Field, Grand Co., UT

Federal Lease No. U-9622

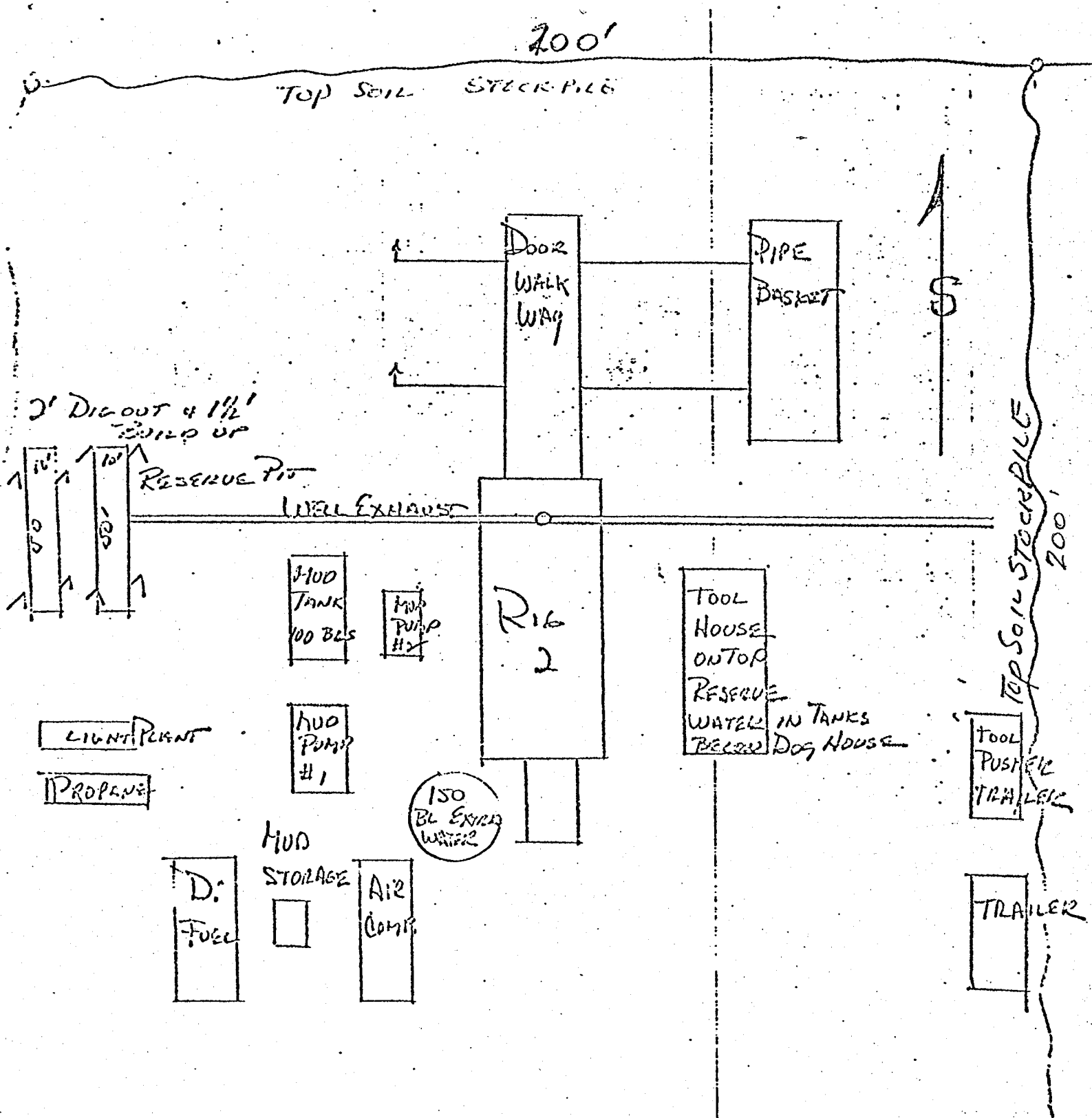


EXHIBIT "C"

Jacobs Drilling Company-Rig No. 2
 2467 Commerce
 Grand Junction, CO 81501

Drilling Rig Layout

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

**** FILE NOTATIONS ****

Date: June 28-
Operator: Frank B. Adams
Well No: Ind. #1622
Location: Sec. 4 T. 20S R. 23E County: Grand

File Prepared: ☒ Entered on N.I.D.: ☒
Card Indexed: ☒ Completion Sheet: ☒

API NUMBER: 43-019-30452

CHECKED BY:

Administrative Assistant AW

Remarks:

Petroleum Engineer OK R

Remarks:

Director 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. 102-5 ☒

Surface Casing Change ☐
to

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In

Unit ☐

Other:

☒ Letter Written/Approved

July 21, 1978

Frank B. Adams
716 Wilson Building
Corpus Christi, Texas 78476

Re: Well No. Federal 1-622
Sec. 4, T. 20 S, R. 23 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30452.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ &/or GAS WELL ☒

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

2. NAME OF OPERATOR

FRANK B. ADAMS

3. ADDRESS OF OPERATOR

716 Wilson Building
Corpus Christi, Texas 78476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

467' fsl & 467' fel Section 4, T20S, R23E, SLM

At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13 miles nnw of Cisco, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

467'

16. NO. OF ACRES IN LEASE

326.58

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20(oil)-160(gas)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

2,650' Entrada

20. ROTARY OR CABLE TOOLS

Rotary (air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,869' Gr - 4,879' DF

22. APPROX. DATE WORK WILL START

o/b 12-31-78

23.

PROPOSED CASING AND CEMENTING PROGRAM

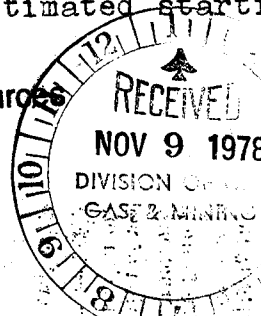
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 5/8ths"	7" *	20#	120-150'	40 sks to surface
6 1/2"	4 1/2" **	9.5#	2,650'	100 sks cement + 2% KCl

* 7" casing will be new 20# K-55 8RT ST&C Range 3
** 4 1/2" casing will be new 9.5# K-55 8RT ST&C Range 2

This application was submitted June 24, 1978 and is pending approval

The purpose of this filing is to advise that the estimated starting date of this well is on or before December 31, 1978.

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any.

24.

SIGNED

TITLE

Operator

DATE

10-16-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

ENGINEER

DATE

NOV 8 1978

CONDITIONS OF APPROVAL, IF ANY

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NECESSARY FLARING OF GAS DURING
DRILLING AND COMPLETION APPROVED
SUBJECT TO ROYALTY (NTL-4)

*See Instructions On Reverse Side

State of G

FORM OGC-8-X
FINLE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

WELL NAME & NUMBER Federal Well #1-622

OPERATOR Frank B. Adams

Address 716 Wilson Bldg., Corpus Christi, Texas 78401

CONTRACTOR Starner Drilling Co.

Address 960 Belford Ave., Grand Junction, CO 81501

LOCATION SE $\frac{1}{4}$ SE $\frac{1}{4}$; Sec. 4; T. 20 N; R. 23 E
S W

COUNTY Grand

WATER SANDS:

	<u>DEPTH</u>	<u>VOLUME:</u>	<u>QUALITY:</u>
	From - to-	Flow Rate or Head -	Fresh or Salty -
1.	<u>2250 - 2270</u>	<u>10 BWPD</u>	<u>Salty</u>
2.	<u></u>	<u></u>	<u></u>
3.	<u></u>	<u></u>	<u></u>
4.	<u></u>	<u></u>	<u></u>
5.	<u></u>	<u></u>	<u></u>

(Continue on Reverse Side if Necessary)

FORMATION TOPS: Dakota - 1786 ft.
Morrison - 1935 ft.
Morrison

NOTE: (salt wash member) 2250 ft.

- (a) Upon diminishing supply of forms, please inform this office.
- (b) Report on this form as provided for in Rule C-20. General Rules and Regulations and Rules of Practice and Procedure.
- (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

DIVISION OF OIL, GAS, AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: FRANK B. ADAMS

WELL NAME: Federal 1-622

SECTION 4 TOWNSHIP 20 S RANGE 23 E , COUNTY Grand

DRILLING CONTRACTOR

RIG #

SPUDDED: DATE April 8, 1979

TIME 2:00 p.m.

HOW Rotary

DRILLING WILL COMMENCE Immediately

REPORTED BY Jim Bowers Grand Junction, CO

TELEPHONE #

DATE April 9, 1979

SIGNED M. J. Minder

cc: U. S. Geological Survey

DIVISION OF OIL, GAS, AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: FRANK B. ADAMS

WELL NAME: Federal #1-622

SECTION 4 TOWNSHIP 20 S RANGE 23 E COUNTY Grand

VERBAL APPROVAL GIVEN TO PLUG THE ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 2,431'

CASING PROGRAM:

7" casing at 204'

FORMATION TOPS:

1,825' Dakota

1,935 Morrison

PLUGS SET AS FOLLOWS:

2,150'-- 2,300' plug #1

1,850' - 1,700' plug #2

150' - 250' plug #3

Salt water encountered at 2,250-70'

Surface plug with dry hole marker

DATE April 13, 1979

cc: U. S. Geological Survey

SIGNED M. J. Munday



April 22, 1979

United States Geological Survey
8440 Federal Building
125 S. State Street
Salt Lake City, Utah 84138

RE: Forms 9-330, 9-331

Gentlemen:

Enclosed are the captioned forms for Federal Well #1-622, Grand County, Utah, Frank B. Adams, operator. The electric logs will be sent to your office from Schlumberger, Inc.

Very truly yours,

James E. Bowes, agent
for Frank B. Adams

FBA/bz
Enclosure

CC: Utah State Oil and Gas Comm.

*** (See Instructions and Spaces for Additional Data on Reverse Side)**

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	1825	1844	Gas (small show)	Dakota silt	1786 ft.	1786 ft.
Morrison	1935	1942	tight permeability; low porosity	Morrison	1935 ft.	1935 ft.
Morrison (salt wash member)	2250	2270	water (brackish; estimated 10 barrels/day flow)	Morrison (salt wash member)	2250 ft.	2250 ft.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-9622
Communitization Agreement No. N/A
Field Name Cisco Springs Gas Field
Unit Name N/A
Participating Area N/A
County Grand State Utah
Operator Frank B. Adams
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 79

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
-622	sec. 4 SESE	T20S	R23E	Abandoned	0	0	0	1	well plugged 4/13/79

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	<u>None</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Produced	<u>None</u>	<u>None</u>	<u>One</u>
*Sold	<u>None</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>None</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXX</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>None</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Injected	<u>None</u>	<u>None</u>	<u>None</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>One</u>
*Other (Identify)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
*On hand, End of Month	<u>None</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>N/A</u>	<u>N/A</u>	<u>XXXXXXXXXXXXXXXXXX</u>

Authorized Signature: [Signature] Address: 716 Wilson Bldg., Corpus Christi, Tx.
Title: Owner Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER - Abandonment		5. LEASE DESIGNATION AND SERIAL NO. U-9622
2. NAME OF OPERATOR Frank B. Adams		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 716 Wilson Bldg., Corpus Christi, Texas 78401		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 467 ft. FSL 467 ft. FEL		8. FARM OR LEASE NAME N/A
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4869 GR	9. WELL NO. Fed. Well #1-622
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Cisco Springs Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA sec. 4, T20S, R23E, SLB&M
		12. COUNTY OR PARISH Grand
		13. STATE Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Verbal approval to abandon captioned well was received 4/13/79. The following represents the plugging record:

- (1) 1st plug - 2240' - 2080' (30 sx class G)
- (2) 2nd plug - 1840' - 1680' (30 sx class G)
- (3) 3rd plug - 240' - 140' (20 sx class G)
- (4) 4th plug - surface (10 sx class G)

A dry hole marker has been erected. The pits have been backfilled. The pad has been cleaned-up. The topsoil has been contoured back over the site. Reseeding will be done in the fall.

18. I hereby certify that the foregoing is true and correct

SIGNED

Wm. E. Gwynn

TITLE

Owner

DATE

9/26/79

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

FOR

E. W. GYNN

TITLE

DISTRICT ENGINEER

DATE

MAY 26 1981